

WHAT IS CLAIMED IS:

1. A method for obtaining hardware resource, said method comprising the steps of:

obtaining one of the hardware resources in a system, which resources have not been obtained, for a resource usage of a hardware resource obtaining request, when each use rate of the hardware resources, which have been obtained and which resource usages are identical with that of the hardware resource obtaining request, exceeds a predetermined threshold, whereby one of hardware resources in the system is obtained based on the resource usage indicated by the hardware resource obtaining request every time the hardware resource obtaining request occurs.

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2. An apparatus for obtaining hardware resource, said apparatus comprising:

a comparing part comparing a predetermined threshold with each use rate of hardware resources, which have been obtained and which resource usages are identical with that of a hardware resource obtaining request; and

an obtaining part obtaining one of the hardware resources, which resources have not been obtained, for the resource usage of the hardware resource obtaining request, when each use rate of the hardware resources being obtained exceeds the predetermined threshold,

whereby one of hardware resources in the

system is obtained based on the resource usage indicated by the hardware resource obtaining request every time the hardware resource obtaining request occurs.

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3. The apparatus as claimed in claim 2,
10 further comprising:

a securing part securing some of the hardware resources so as to obtain at least one of the hardware resources for each of a plurality of resource usages.

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4. The apparatus as claimed in claim 2,
20 further comprising:

an obtaining-to-use part obtaining a part of an unused area of the hardware resources that have been obtained in a condition in which each resource usage of the hardware resources is identical with
25 that of said hardware resource obtaining request and each use rate of the hardware resources exceeds the predetermined threshold.

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5. The apparatus as claimed in claim 2,
further comprising:

a threshold setting part dynamically
35 setting a threshold of said each resource usage based on the use rate of said each resource usage of the hardware resources in the system.

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5 6. The apparatus as claimed in claim 2,
further comprising:

 a given threshold setting part setting a
given threshold to the threshold of said each
resource usage of the hardware resources in the
10 system.

15 7. An apparatus for obtaining hardware
resource, said apparatus comprising:

 a first selecting-to-use part selecting
one hardware resource having a least use rate in
hardware resources that have been obtained in a
20 condition in which each resource usage of the
hardware resources is identical with the resource
usage of a hardware resource obtaining request; and

 a using part using a part of an unused
area of said one hardware resource selected by said
25 first selecting-to-use part,

 whereby one of hardware resources in the
system is obtained based on the resource usage
indicated by the hardware resource obtaining request
every time the hardware resource obtaining request
30 occurs.

35 8. The apparatus as claimed in claim 7,
further comprising:

 a threshold setting part dynamically

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